A2470-14 2/88

AMERICAN
OSTEOPATHIC
ASSOCIATION

1987-88 Yearbook and Directory of Osteopathic Physicians

Seventy-ninth edition • October 1987

Membership listings for 1986-87 fiscal year, as of July 1987
Accreditation information for year beginning with July 1987 annual meeting and ending with July 1988 annual meeting
Other information dated as noted in the text

Published by the
American Osteopathic Association
(An Illinois not-for-profit organization)
142 East Ontario Street
Chicago, Illinois 60611
(312) 280-5800
ISSN 0084-358X

1987-88 Yearbook and Directory of Osteopathic Physicians

11 **FOREWORD**

AMERICAN OSTEOPATHIC ASSOCIATION: ORGANIZATION
14 Organizational charts
16 Official roster
19 Departments, bureaus, committees, and councils
25 AOA departments and personnel
27 AOA coming events: planning calendar

DIRECTORY OF OSTEOPATHIC PHYSICIANS
35 Key to symbols
41 Alphabetic list of osteopathic physicians
201 Geographic list of osteopathic physicians, United States
420 List of osteopathic physicians in military service
428 List of osteopathic physicians in US Public Health Service
429 Address unknown
439 Geographic list of osteopathic physicians, Canada
440 Geographic list of osteopathic physicians, foreign
441 Student members
457 Associate members
458 Certified physicians

AMERICAN OSTEOPATHIC ASSOCIATION: DOCUMENTS AND DATA
485 AOA basic documents
493 AOA position papers
510 Statistical tables on the osteopathic profession
526 AOA history: dates, events, and people

COMPONENT SOCIETIES
538 Divisional societies
545 Practice affiliates
551 Nonpractice affiliates

557 **LICENSURE**

PREDOCTORAL EDUCATION
570 Accreditation standards and procedures for colleges of osteopathic medicine
579 Colleges of osteopathic medicine
584 Grants and loans for osteopathic students

POSTDOCTORAL EDUCATION
591 Postdoctoral osteopathic education
593 Protocol for approval of postdoctoral training
596 Intern training program policies and procedures
602 Residency training requirements of the American Osteopathic Association

607 **OSTEOPATHIC HOSPITALS**

617 **OSTEOPATHIC POSTDOCTORAL TRAINING PROGRAMS**

643 **REQUIREMENTS FOR CERTIFICATION: ADVISORY BOARD FOR OSTEOPATHIC SPECIALISTS AND BOARDS OF CERTIFICATION**

658 **OSTEOPATHIC RESEARCH**

665 **LIBRARIES IN OSTEOPATHIC HOSPITALS**

666 **WRITING AWARDS**

669 **CONTINUING MEDICAL EDUCATION**

OSTEOPATHIC TERMINOLOGY
675 Osteopathic terminology for coding
677 Glossary of osteopathic terminology

AOA MEMBERSHIP BENEFITS AND DUES RATES

690 Membership benefits: a message to DOs from the Committee on Membership
692 AOA dues rates: an explanation
693 AOA-sponsored insurance programs
695 Physician placement service

OSTEOPATHIC LITERATURE AND INFORMATION

697 Osteopathic literature in print
699 AOA items available

INDEXES

701 Advertisers' index
702 Index

Editor-in-chief: George W. Northup, DO
Executive editor: Sandra Williamson
Associate editor: Mary Moules
Assistant editor: Margaret Davey
Contributors:
Susan Baird, circulation manager, Department of Communications
Elizabeth Beckwith, associate director, government relations, Department of Government Relations
Ronald J. Bordui, director, Department of Finance
Gary Chensky, system manager, information systems, Department of Membership and Information Services
Brian Donadio, director, Department of Government Relations
Michael Wallis, physicians' biographic records coordinator, Department of Membership and Information Services
Essie Freeney, hospital accreditation coordinator, Department of Education
Regina Pettis, physician placement coordinator, Department of Public Relations
Marlow B. Garvin, executive director, National Osteopathic Association
Stacey M. Ybarra, executive secretary, Auxiliary to the American Osteopathic Association
Karen Illing, coordinator, Advisory Board for Osteopathic Specialists
James J. Balija, director, Membership and Information Services
David Rivers, PhD, assistant director, Bureau of Research, Department of Education
Delores Rodgers, continuing medical education coordinator, Department of Education
Janice Shucart, archivist, Department of Administration
Andrea Tomaras, executive secretary, Department of Education
Janice Wachtler, coordinator, COPT, Department of Education
W. Douglas Ward, PhD, director, Department of Education
Ann M. Wittner, director, Department of Administration

President, American Osteopathic Association: Joseph W. Stella, DO
Executive director: John P. Perrin
Committee on editorial policy: William G. Anderson, DO, chairman; T. Eugene Zachary, DO, Vice-chairman; John A. Cifala, DO; Ronald A. Esper, DO; Sandra Williamson, secretary
Director of communications: Al Boeck, PhD
Production manager: Norine J. Williams
Assistant production manager: Julie Shaw
Advertising sales: Chicago: James L. Motter, midwest sales manager, 142 E Ontario St, Chicago 60611 (312) 280-5860
New York: Anita Barghout, eastern sales manager, PO Box 70, Hastings-on-Hudson, NY 10706 (914) 478-1085

The YEARBOOK AND DIRECTORY OF OSTEOPATHIC PHYSICIANS is published annually. Copyright 1987, by the American Osteopathic Association, 142 E Ontario St, Chicago, IL 60611. All rights reserved.

Statistical tables on the osteopathic profession

See individual tables for dates and sources

GEOGRAPHIC DISTRIBUTION OF LISTED DOs

Location	Number of Members	Number of Nonmembers	Total
Alabama	27	30	57
Alaska	18	12	30
Arizona	628	130	758
Arkansas	34	26	60
California	550	280	830
Colorado	277	129	406
Connecticut	22	41	63
Delaware	60	33	93
District of Columbia	12	7	19
Florida	1,337	379	1,716
Georgia	177	70	247
Hawaii	29	16	45
Idaho	22	27	49
Illinois	595	268	863
Indiana	241	73	314
Iowa	422	286	708
Kansas	230	100	330
Kentucky	41	31	72
Louisiana	15	17	32
Maine	246	77	323
Maryland	41	36	77
Massachusetts	86	86	172
Michigan	3,277	427	3,704
Minnesota	54	38	92
Mississippi	49	10	59
Missouri	1,130	418	1,548
Montana	17	20	37
Nebraska	8	20	28
Nevada	54	19	73
New Hampshire	17	8	25
New Jersey	999	498	1,497
New Mexico	101	55	156
New York	526	379	905
North Carolina	44	34	78
North Dakota	9	9	18
Ohio	1,849	405	2,254
Oklahoma	766	123	889
Oregon	173	95	268
Pennsylvania	2,402	1,016	3,418
Rhode Island	78	41	119
South Carolina	25	14	39
South Dakota	25	13	38
Tennessee	72	42	114
Texas	1,110	531	1,641
Utah	13	12	25
Vermont	12	22	34
Virginia	75	42	117
Washington	196	128	324
West Virginia	175	60	235
Wisconsin	203	94	297
Wyoming	8	6	14
Total USA	18,577	6,733	25,310
Military Service	645	609	1,254
US Public Health Service	72	56	128
US Territories	2	2	4
Canada	7	38	45
Foreign	29	24	53
Totals for Others	755	729	1,485
Grand Totals	19,332	7,462	26,794

Source: AOA Physician Masterfile, 5 Aug 1987.

GEOGRAPHIC DISTRIBUTION OF LISTED DOs BY AGE

Location	Total DOs	Avg age	Under 35(%)	35-44(%)	45-54(%)	55-64(%)	65 & over(%)	Unknown(%)
Alabama	57	41	14(24.6)	33(57.9)	5(8.8)	1(1.8)	3(5.3)	1(1.8)
Alaska	30	40	12(40.0)	12(40.0)	3(10.0)	2(6.7)		1(3.3)
Arizona	758	51	163(21.5)	201(26.5)	118(15.6)	92(12.1)	133(17.5)	51(6.7)
Arkansas	60	48	20(33.3)	21(35.0)	1(1.7)		15(25.0)	3(5.0)
California	830	49	226(27.2)	291(35.1)	79(9.5)	46(5.5)	129(15.5)	59(7.1)
Colorado	406	50	80(19.7)	125(30.8)	64(15.8)	52(12.8)	64(15.8)	21(5.2)
Connecticut	63	53	22(34.9)	14(22.2)	1(1.6)	1(1.6)	19(30.2)	6(9.5)
Delaware	93	48	24(25.8)	28(30.1)	14(15.1)	13(14.0)	7(7.5)	7(7.5)
District of Columbia	19	44	9(47.4)	4(21.1)	1(5.3)	3(15.8)	1(5.3)	1(5.3)
Florida	1,716	53	336(19.6)	391(22.8)	250(14.6)	264(15.4)	344(20.0)	131(7.6)
Georgia	247	49	60(24.3)	82(33.2)	33(13.4)	13(5.3)	44(17.8)	15(6.1)
Hawaii	45	52	9(20.0)	13(28.9)	2(4.4)	8(17.8)	11(24.4)	2(4.4)
Idaho	49	51	12(24.5)	17(34.7)	4(8.2)	2(4.1)	14(28.6)	
Illinois	863	46	332(38.5)	250(29.0)	71(8.2)	41(4.8)	65(7.5)	104(12.1)
Indiana	314	51	52(16.6)	94(29.9)	47(15.0)	51(16.2)	40(12.7)	30(9.6)
Iowa	708	50	161(22.7)	242(34.2)	60(8.5)	68(9.6)	114(16.1)	63(8.9)
Kansas	330	51	66(20.0)	117(35.5)	34(10.3)	25(7.6)	64(19.4)	24(7.3)
Kentucky	72	51	14(19.4)	23(31.9)	4(5.6)	13(18.1)	16(22.2)	2(2.8)
Louisiana	32	44	17(53.1)	7(21.9)		1(3.1)	5(15.6)	2(6.3)
Maine	323	52	69(21.4)	88(27.2)	39(12.1)	24(7.4)	76(23.5)	27(8.4)
Maryland	77	44	36(46.8)	22(28.6)	1(1.3)	2(2.6)	12(15.6)	4(5.2)
Massachusetts	172	58	25(14.5)	41(23.8)	15(8.7)	10(5.8)	73(42.4)	8(4.7)
Michigan	3,704	48	981(26.5)	951(25.7)	621(16.8)	505(13.6)	325(8.8)	321(8.7)
Minnesota	92	48	33(35.9)	21(22.8)	11(12.0)	3(3.3)	22(23.9)	2(2.2)
Mississippi	59	40	20(33.9)	28(47.5)	6(10.2)		4(6.8)	1(1.7)
Missouri	1,548	52	324(20.9)	403(26.0)	210(13.6)	147(9.5)	339(21.9)	125(8.1)
Montana	37	53	6(16.2)	15(40.5)	3(8.1)		11(29.7)	2(5.4)
Nebraska	28	57	9(32.1)	4(14.3)	3(10.7)		10(35.7)	2(7.1)
Nevada	73	49	15(20.5)	23(31.5)	12(16.4)	7(9.6)	16(21.9)	
New Hampshire	25	63	3(12.0)	3(12.0)	2(8.0)	1(4.0)	16(64.0)	
New Jersey	1,497	47	461(30.8)	376(25.1)	247(16.5)	171(11.4)	126(8.4)	116(7.7)
New Mexico	156	52	26(16.7)	42(26.9)	27(17.3)	13(8.3)	42(26.9)	6(3.8)
New York	905	50	295(32.6)	178(19.7)	109(12.0)	95(10.5)	112(12.4)	116(12.8)
North Carolina	78	51	27(34.6)	15(19.2)	3(3.8)	5(6.4)	25(32.1)	3(3.8)
North Dakota	18	45	5(27.8)	8(44.4)	1(5.6)	1(5.6)	2(11.1)	1(5.6)
Ohio	2,254	47	691(30.7)	621(27.6)	273(12.1)	286(12.7)	184(8.2)	199(8.8)
Oklahoma	889	48	242(27.2)	256(28.8)	130(14.6)	73(8.2)	108(12.1)	80(9.0)
Oregon	268	51	37(13.8)	97(36.2)	34(12.7)	31(11.6)	58(21.6)	11(4.1)
Pennsylvania	3,418	47	1,105(32.3)	922(27.0)	428(12.5)	371(10.9)	340(9.9)	252(7.4)
Rhode Island	119	51	30(25.2)	27(22.7)	15(12.6)	16(13.4)	21(17.6)	10(8.4)
South Carolina	39	50	11(28.2)	11(28.2)	2(5.1)	4(10.3)	10(25.6)	1(2.6)
South Dakota	38	53	9(23.7)	9(23.7)	5(13.2)	1(2.6)	13(34.2)	1(2.6)
Tennessee	114	52	21(18.4)	33(28.9)	13(11.4)	18(15.8)	25(21.9)	4(3.5)
Texas	1,641	50	310(18.9)	519(31.6)	223(13.6)	231(14.1)	241(14.7)	117(7.1)
Utah	25	51	4(16.0)	10(40.0)	3(12.0)		8(32.0)	
Vermont	34	60	4(11.8)	6(17.6)	4(11.8)	2(5.9)	18(52.9)	
Virginia	117	47	48(41.0)	26(22.2)	6(5.1)	6(5.1)	23(19.7)	8(6.8)
Washington	324	50	53(16.4)	115(35.5)	43(13.3)	45(13.9)	52(16.0)	16(4.9)
West Virginia	235	47	78(33.2)	78(33.2)	13(5.5)	13(5.5)	30(12.8)	23(9.8)
Wisconsin	297	49	73(24.6)	96(32.3)	34(11.4)	34(11.4)	44(14.8)	16(5.4)
Wyoming	14	49	2(14.3)	5(35.7)	2(14.3)	3(21.4)	2(14.3)	
Total for USA	25,310	49	6,682(26.4)	7,014(27.7)	3,329(13.2)	2,814(11.1)	3,476(13.7)	1,995(7.9)
Military Service	1,254	39	564(45.0)	491(39.2)	89(7.1)	57(4.5)	12(1.0)	41(3.3)
US Public Health Service	128	38	67(52.3)	43(33.6)	7(5.5)	8(6.3)	1(.8)	2(1.6)
US Territories	4	51	1(25.0)	1(25.0)		1(25.0)	1(25.0)	
Canada	45	70	4(8.9)	1(2.2)		1(2.2)	39(86.7)	
Foreign	53	65	6(11.3)	4(7.5)	7(13.2)	4(7.5)	30(56.6)	2(3.8)
Total for Others	1,484	41	642(43.3)	540(36.4)	103(6.9)	71(4.8)	83(5.6)	45(3.0)
Grand Totals	26,794	49	7,324(27.3)	7,554(28.2)	3,432(12.8)	2,885(10.8)	3,559(13.3)	2,040(7.6)

Source: AOA Physician Masterfile, 5 Aug 1987.

DISTRIBUTION OF DOs BY SPECIALTY & AGE—EXCLUDING INTERNS AND RESIDENTS

Specialty	Total	Under 35	35-44	45-54	55-64	65 & Over	Unknown
Adolescent Medicine (ADL)	10	3	2	1	1	3	
Allergy and Immunology (AI)	37	4	17	6	9	1	
Aerospace and Preventive Med (AM)	112	48	40	16	7		1
Anesthesiology (AN)	576	121	190	128	103	23	11
Angiography and Interventional Rad (ANG)	3		1		2		
Anatomic Pathology (AP)	22		6	9	7		
Anatomic Pathology and Lab Med (APL)	6		2	1	2	1	
Cardiology (C)	211	43	127	19	11	6	5
Critical Care Medicine (CCM)	19	4	14	1			
Cardiovascular Surgery (CVS)	6	1	2	3			
Dermatology (D)	119	27	50	25	9	8	
Diagnostic Radiology (DR)	98	17	43	20	11	5	2
Diagnostic Ultrasound (DUS)	2		1	1			
Emergency Medicine (EM)	859	306	428	67	25	9	24
Endocrinology (END)	26	6	8	5	1	6	
Forensic Pathology (FOP)	28	5	9	7	6	1	
Gastroenterology (GE)	103	30	52	15	4	2	
Geriatrics (GER)	60	5	12	12	16	14	1
Gynecologic Oncology (GO)	6		2	3		1	
General Practice (GP)	9,432	1,755	2,880	1,732	1,672	1,271	122
Gynecological Surgery (GS)	5		2	3			
Gynecology (GYN)	2			2			
Hematology (HEM)	16	2	10	3			1
Hematology and Oncology (HEO)	13	2	9	2			
Hand Surgery (HS)	3	1	1	1			
Infectious Disease (ID)	17	6	7	3	1		
Internal Medicine (IM)	870	224	377	139	68	53	9
Laboratory Medicine (LBM)	12	1	6	2	2	1	
Medical Diseases of the Chest (MDC)	74	20	41	10	3		
Maternal and Fetal Medicine (MFM)	7	1	3	2			1
Neurology (N)	124	32	67	16	4	1	4
Neonatology (NE)	20	5	11	4			
Nephrology (NEP)	51	13	29	7		1	1
Nuclear Medicine (NM)	21	2	9	5	5		
Neurology and Psychiatry (NP)	6		2	1	2	1	
Nuclear Radiology (NR)	8	6	1	1			
Neurological Surgery (NS)	27	5	16	2	4		
Obstetrics and Gynecology (OBG)	212	37	106	38	20	10	1
Obstetrics (OBS)	2			1	1		
Obstetrics and Gynecological Surgery (OGS)	236	46	117	46	25	2	
Occupational and Preventive Medicine (OM)	89	14	27	19	21	6	2
Osteopathic Manipulative Treatment (OMT)	443	28	77	28	76	229	5
Oncology (ON)	61	8	35	16	2		
Otorhinolaryngology and Oro-Facial Plastic Surgery (OOP)	94	22	44	20	7		1
Ophthalmology (OPH)	203	36	81	36	17	30	3
Oro-facial Plastic Surgery (OPL)	3	1	2				
Orthopedics (OR)	16	3	7	2	3	1	
Orthopedic Surgery (ORS)	378	76	177	86	25	8	6
Other Specialty (OS)	257	62	74	39	45	35	2
Otolaryngology (OTL)	15	2	8	4		1	
Otorhinolaryngology (OTR)	65	11	23	20	7	2	2
Psychiatry (P)	333	40	103	92	62	31	5

DISTRIBUTION OF DOs BY SPECIALTY & AGE—EXCLUDING INTERNS AND RESIDENTS

Specialty	Total	Under 35	35-44	45-54	55-64	65 & Over	Unknown
Pediatrics (PD)	336	85	162	51	19	11	8
Pediatric Allergy and Immunology (PAI)	1		1				
Pediatric Cardiology (PDC)	2	1	1				
Pediatric Neurology (PDN)	5	1	3	1			
Pediatric Psychiatry (PDP)	28	5	12	11			
Pediatric Hematology/Oncology (PHO)	1			1			
Public Health and Preventive Med (PHP)	36	12	6	11	4	3	
Pediatric Infectious Diseases (PID)	2		1	1			
Plastic and Reconstructive Surgery (PLR)	19	3	11	5			
Proctology (PR)	43	4	2	5	17	14	1
Pathology (PTH)	123	11	46	35	20	11	
Pulmonary Conditions (PUL)	19'		18	1			
Peripheral Vascular Surgery (PVS)	15	3	9	3			
Psychosomatic Medicine (PYM)	1				1		
Radiology (R)	405	40	108	141	93	18	5
Reproductive Endocrinology (RE)	4		4				
Rheumatology (RHU)	42	10	20	4	5	3	
Rehabilitation Medicine (RM)	106	22	38	19	13	13	1
Radiation Oncology (RO)	15	5	6	2	2		
Diagnostic Roentgenology (RTD)	16		6	5	3	2	
Surgery—General (S)	485	75	138	134	97	36	5
Sclerotherapy (SCL)	9		1		1	7	
Sports Medicine (SM)	24	4	10	5	2	2	1
Thoracic Cardiovascular Surgery (TCV)	25	5	11	6	3		
Radiation Therapy (TR)	9	1	8				
Thoracic Surgery (TS)	22	3	6	10	2	1	
Urology (U)	9	2	1	1	3	1	1
Urological Surgery (URS)	104	19	50	26	8	1	
Unknown	5,861**	2,218	1,114	219	303	1,670*	337
Grand Totals	23,185	5,610	7,151	3,418	2,882	3,556	568

* Includes 1,653 retired DOs

** Includes 1,805 retired or otherwise inactive DOs

Of the 17,324 DOs who report a specialty, 54.4% (9,432) report they are General Practitioners. The percentages by age group are as follows:

Under 35 — 51.7%
35-44 — 47.7%
45-54 — 54.1%
55-64 — 64.8%
Over 65 — 67.4%

Source: AOA Physician Masterfile, 5 Aug 1987.

GEOGRAPHIC DISTRIBUTION OF DOs BY CENSUS DIVISION

Region	Count
Foreign	57
New England (CT, MA, ME, NH, RI, VT)	763
Middle Atlantic (NJ, NY, PA)	5,982
East North Central (IL, IN, MI, OH, WI)	7,514
West North Central (IA, KS, MN, MO, ND, NE, SD)	2,848
South Atlantic (DC, DE, FL, GA, MD, NC, SC, VA, WV)	2,934
East South Central (AL, KY, MS, TN)	348
West South Central (AR, LA, OK, TX)	2,873
Mountain (AZ, CO, ID, MT, NM, NV, UT, WY)	1,643
Pacific (AK, CA, HI, OR, WA)	1,783
US Territories	4
Canada	45
Total	26,794

Source: AOA Physician Masterfile, 5 Aug 1987.

DISTRIBUTION OF DOs LISTED BY MAJOR PROFESSIONAL ACTIVITY

State	Total	Internship	Residency	Other Postdoctoral Training[1]	Office	Hospital
Alabama	57	0	0	2	40	4
Alaska	30	0	1	[illegible]	18	0
Arizona	758	36	22	11	471	31
Arkansas	60	0	0	4	27	1
California	830	39	11	96	457	27
Colorado	406	15	12	6	274	11
Connecticut	63	1	0	9	28	3
Delaware	93	6	2	3	53	3
District of Columbia	19	1	0	2	3	0
Florida	1,716	101	34	27	998	43
Georgia	247	6	6	16	153	8
Hawaii	45	0	0	2	26	0
Idaho	49	0	0	2	26	0
Illinois	863	68	87	59	346	25
Indiana	314	18	0	5	223	7
Iowa	708	29	17	31	383	18
Kansas	330	10	2	12	212	14
Kentucky	72	0	1	0	47	5
Louisiana	32	0	1	4	9	2
Maine	323	17	23	2	169	19
Maryland	77	1	0	13	24	8
Massachusetts	172	2	3	7	87	14
Michigan	3,704	256	313	80	2,043	150
Minnesota	92	0	1	7	48	1
Mississippi	59	1	1	3	36	4
Missouri	1,548	75	57	23	927	78
Montana	37	0	0	0	22	1
Nebraska	28	0	1	4	7	1
Nevada	73	0	0	5	49	1
New Hampshire	25	0	0	1	11	2
New Jersey	1,497	78	81	52	824	43
New Mexico	156	6	1	1	101	4
New York	905	60	19	99	397	23
North Carolina	78	0	1	9	27	4
North Dakota	18	0	0	1	10	0
Ohio	2,254	160	186	79	1,220	79
Oklahoma	889	66	54	6	543	24
Oregon	268	5	3	8	188	7
Pennsylvania	3,418	193	227	142	1,817	175
Rhode Island	119	5	2	6	64	5
South Carolina	39	0	0	2	12	2
South Dakota	37	0	0	0	23	1
Tennessee	114	0	0	5	75	8
Texas	1,641	68	40	33	1,073	44
Utah	25	0	0	2	14	0
Vermont	34	0	1	0	22	1
Virginia	117	0	1	9	58	3
Washington	324	4	0	9	235	8
West Virginia	235	18	2	4	120	22
Wisconsin	297	13	7	11	187	11
Wyoming	14	0	0	0	9	1
Total for USA	25,310	1,358	1,220	864	14,236	947
Military Servce	1,254	1	3	162	57	528
US Public Health Service	128	0	0	0	61	27
US territories	4	0	0	0	1	0
Canada	45	0	1	0	26	0
Foreign	53	0	0	0	32	4
Total for Others	1,484	1	4	162	177	559
Grand Totals	26,794	1,359	1,224	1,026	14,413	1,506

Source: AOA Physician Masterfile, 5 Aug 1987.
[1]Unapproved postdoctoral training.

Research	Education	Administration	Other	Retired	Inactive	Unknown
0	0	0	0	1	0	10
0	0	0	0	0	1	10
0	2	4	0	90	6	85
0	0	0	0	9	1	18
2	3	3	3	75	9	155
0	0	1	1	31	2	53
0	0	0	0	6	2	14
0	0	0	1	5	1	19
0	1	1	1	1	0	9
0	14	9	5	242	17	226
0	0	0	2	19	1	36
0	0	1	0	4	2	10
0	0	0	0	11	0	10
2	21	8	0	28	5	214
0	0	1	1	12	3	44
0	22	0	0	59	7	142
0	0	0	1	36	2	41
0	0	0	0	7	0	12
0	1	0	0	2	2	11
0	4	4	0	37	2	46
0	0	1	0	8	0	22
0	0	0	0	19	3	37
2	30	25	4	162	26	613
0	0	0	1	12	1	21
0	1	0	0	2	1	10
0	28	10	7	124	9	210
0	0	0	0	7	0	7
0	0	0	0	7	1	7
0	0	0	0	7	0	11
0	0	0	0	8	0	3
0	12	4	2	46	4	351
0	0	0	0	19	2	22
0	7	6	1	34	4	255
2	0	0	0	17	1	17
0	0	0	0	0	0	7
1	13	11	3	82	7	413
0	10	4	1	44	3	134
0	1	1	0	29	2	24
1	32	18	8	116	11	678
0	0	0	1	15	0	21
0	0	0	1	10	0	12
0	0	0	0	6	0	7
0	1	1	0	7	0	17
2	31	8	2	87	6	247
0	0	0	0	2	0	7
0	0	0	0	7	0	3
0	0	2	0	9	3	32
0	2	0	0	32	2	32
0	2	1	0	11	0	55
0	0	1	0	22	1	44
0	0	0	0	2	0	2
12	238	125	46	1,628	150	4,486
4	4	48	10	0	0	437
0	0	4	0	0	0	36
0	0	0	0	1	0	2
0	0	0	0	12	2	4
0	0	0	0	12	0	5
4	4	52	10	25	2	484
16	242	177	56	1,653	152	4,970

NUMBERS OF CURRENT OSTEOPATHIC CERTIFICATIONS

Area of certification	Number
Anesthesiology	246
Dermatology	61
Emergency medicine	146
Fellows of AAO	85
General practice	2,866
Internal medicine	773
Allergy and immunology	8
Cardiology	123
Endocrinology	14
Gastroenterology	50
Hematology	6
Hematology and oncology	13
Infectious diseases	9
Medical diseases of the chest	65
Nephrology	29
Oncology	29
Rheumatology	18
Neurology and psychiatry	4
Neurology	37
Pediatric neurology	1
Psychiatry	104
Pediatric psychiatry	4
Child neurology	1
Child psychiatry	1
Nuclear medicine	80
Obstetrics and gynecology	52
Obstetrical-gynecological surgery	139
Ophthalmology	126
Otolaryngology	17
Otorhinolaryngology	139
Oro-facial plastic surgery	74
Orthopedic surgery	213
Pathology	
Anatomic pathology	122
Cytopathology	1
Forensic pathology	1
Laboratory medicine	107
Pediatrics	181
Neonatology	10
Proctology	74
Preventive medicine/public health	16
Preventive medicine and aerospace medicine	18
Preventive medicine and occupational medicine	22
Preventive medicine/ occupational-environmental	18
Radiology	315
Diagnostic radiology	84
Diagnostic roentgenology	40
Radiation oncology	1
Radiation therapy	3
Roentgenology	28
Rehabilitation medicine	86
Surgery	
General surgery	415
Neurological surgery	17
Plastic and reconstructive surgery	3
Thoracic surgery	28
Thoracic cardiovascular surgery	8
Urological surgery	65
Total	7,179

Some physicians may hold more than one certification. Thus, the figures do not reflect the total number of individuals holding certification except in a given category.

Further, the figures do not accurately reflect type of practice. Besides the number certified in general practice, for example, a majority of non-certified DOs are also engaged in this field. Besides those listed for a given specialty, there are DOs whose nonosteopathic or informal training has prepared them for specialty practice. The total number of certified DOs is 5,893.

Source: AOA Dept. of Education, 23 Jul 1987.

GROWTH OF THE OSTEOPATHIC PROFESSION, 1935-87

Year	Total listed DOs	Percent growth over previous year	No. listed AOA members	Percent AOA members	No. listed nonmembers	New† graduates	Percent new graduates
1935	8,724	—	4,050	46	4,674	459	5
1936	8,995	3	4,616	51	4,379	431	5
1937	9,075	1	5,112	56	3,963	403	4
1938	9,404	3	5,446	58	3,958	440	5
1939	9,635	2	5,123	53	4,512	451	5
1940	9,950	3	5,280	53	4,670	447	4
1941	10,022	1	5,537	56	4,485	499	5
1942	10,377	3	6,047	58	4,330	458	4
1943	10,643	2	6,203	58	4,440	292	3
1944	10,910	2	6,868	63	4,042	201	2
1945	11,067	1	7,277	66	3,790	103	1
1946	11,180	—	7,557	68	3,623	213	2
1947	11,239	1	7,870	70	3,369	177	2
1948	11,270	—	7,979	71	3,291	143	1
1949	11,233	—	7,660	68	3,573	202	2
1950	11,250	—	7,753	69	3,497	373	3
1951	11,400	1	8,003	70	3,397	427	4
1952	11,583	2	8,241	71	3,342	427	4
1953	11,827	2	8,320	70	3,507	462	4
1954	12,118	2	8,563	71	3,555	449	4
1955	12,371	2	8,909	72	3,462	459	4
1956	12,634	2	9,226	73	3,408	467	4
1957	12,945	2	9,544	74	3,401	442	3
1958	13,189	2	9,856	75	3,333	439	3
1959	13,407	2	10,088	75	3,319	467	3
1960	13,708	2	10,484	76	3,224	427	3
1961	13,923	2	10,769	77	3,154	506	4
1962	14,254	2	9,357	66	4,897	363	3
1963	12,288*	—	9,164	75	3,124	367	3
1964	12,288	—	9,153	74	3,135	355	3
1965	12,441	1	9,363	75	3,078	394	3
1966	12,638	2	9,611	76	3,027	360	3
1967	12,799	1	9,794	77	3,005	405	3
1968	13,023	2	10,053	77	2,970	427	3
1969	13,252	2	10,357	78	2,895	427	3
1970	13,454	2	10,581	79	2,873	432	3
1971	13,618	1	10,630	78	2,988	473	3
1972	13,800	1	10,834	79	2,966	483	3
1973	14,089	2	11,074	79	3,015	649	5
1974	14,551	3	11,453	79	3,098	591	4
1975	14,929	3	11,730	79	3,199	698	5
1976	15,572	4	12,047	77	3,525	814	5
1977	16,175	4	12,828	79	3,347	892	6
1978	17,036	5	13,624	80	3,412	965	6
1979	17,975	5	14,424	80	3,551	1,003	6
1980	18,820	4	14,419	77	4,401	1,032	5
1981	19,686	4	15,396	78	4,290	1,128	6
1982	20,559	4	16,053	78	4,506	1,040	5
1983	21,618	5	16,080	74	5,538	1,317	6
1984	22,746	5	17,236	75	5,510	1,300	6
1985	24,014	5	18,064	75	5,950	1,474	6
1986	25,479	6	18,611	73	6,868	1,667	7
1987	26,794	5	19,332	75	7,462	1,579	6

*Between 1963 and 1970, 2,395 DOs accepted unearned MD degrees from the California College of Medicine and were removed from AOA's statistical reckoning.

†In 1935, there were 8 osteopathic colleges producing graduates; by 1963 there were only 5. In the period between 1973 and 1985, the number of colleges graduating students increased from 6 to 15.

Source: AOA Physician Masterfile, 5 Aug 1987.

GROWTH OF OSTEOPATHIC INTERN TRAINING PROGRAMS 1982-1983 TO 1987-1988

State	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88	Percentage of Growth
Arizona	30	38	39	39	40	40	+ 33
California	25	29	33	43	64	52	+108
Colorado	16	19	19	19	19	19	+ 19
Delaware	5	6	6	6	6	6	+ 20
Florida	68	81	94	111	125	118	+ 74
Georgia	10	10	10	10	10	10	+ 0
Illinois	46	46	50	59	86	86	+ 87
Indiana	14	14	17	17	17	17	+ 21
Iowa	28	28	28	28	28	28	+ 0
Kansas	12	12	12	12	12	12	+ 0
Maine	16	16	18	18	19	19	+ 19
Massachusetts	2	2	2	4	4	4	+100
Michigan	270	278	288	280	292	297	+ 10
Missouri	80	88	91	95	96	96	+ 20
New Jersey	69	78	99	98	98	101	+ 46
New Mexico	4	4	6	6	6	6	+ 50
New York	42	67	89	94	110	124	+195
Ohio	159	160	182	183	188	188	+ 18
Oklahoma	70	71	71	71	76	76	+ 8
Oregon	7	7	7	7	7	7	+ 0
Pennsylvania	170	182	195	201	216	222	+ 31
Rhode Island	7	7	7	7	7	7	+ 0
Texas	46	47	57	68	74	79	+ 72
Washington	4	4	4	4	4	4	+ 0
West Virginia	—*	—*	6	20	20	23	+ 15
Wisconsin	19	19	19	19	19	19	+ 27
Totals	1,218	1,313	1,449	1,519	1,643	1,660	+ 36

* Not applicable.
Source: AOA Department of Education, 5 Aug 1987.

OSTEOPATHIC INTERNS IN FEDERAL TRAINING PROGRAMS

Branch of service	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88	Percentage of Growth
Air Force	8	18	6	14	5	2	− 75%
Army	50	42	37	36	21	39	− 22%
Navy	29	26	18	23	17	12	− 59%
Totals	87	86	61	73	43	53	− 39%

Source: AOA Department of Education, 5 Aug 1987.

AOA-APPROVED RESIDENCY POSITIONS IN OSTEOPATHIC HOSPITALS, 1983-1984 TO 1987-1988

Specialty areas	1983-84	1984-85	1985-86	1986-87	1987-88
Aerospace medicine	—*	—*	—*	—*	—*
Anesthesiology	119	119	119	118	125
Angiography/interventional radiology	2	2	2	2	2
Cardiology	16	20	21	21	27
Clinical allergy and immunology	0	0	0	0	0
Dermatology	2	2	2	2	4
Diagnostic radiology	40	47	52	49	50
Diagnostic ultrasound	—*	1	1	1	1
Emergency medicine	50	48	56	70	83
Endocrinology	1	1	1	1	1
Gastroenterology	12	13	15	16	16
General practice	220	263	284	325	388
Hematology	9	6	6	6	6
Hematology/oncology	—*	4	4	4	4
Infectious diseases	2	2	1	1	6
Internal medicine	335	349	346	349	363
Medical diseases of the chest	17	18	17	17	18
Neonatal medicine	—*	—*	2	2	6
Nephrology	10	10	10	10	10
Neurology	13	9	13	15	13
Neurology, child	—*	—*	—*	—*	—*
Neuroradiology	—*	1	1	1	1
Nuclear medicine	4	3	3	3	3
Nuclear radiology	—*	1	1	1	1
Obstetrics and gynecological surgery	112	121	122	122	126
Occupational medicine	—*	—*	—*	—*	—*
Oncology	3	0	0	0	0
Ophthalmology	30	36	38	40	42
Orthopedic surgery	124	123	125	126	130
Osteopathic manipulative medicine	6	8	15	18	28
Otorhinolaryngology	10	10	6	6	6
Otorhinolaryngology and oro-facial plastic surgery	38	42	48	52	50
Pathology	44	43	41	45	45
Pediatrics	73	72	73	68	68
Proctology	13	12	10	10	8
Psychiatry	21	24	32	36	36
Psychiatry, child	4	4	4	4	4
Public health	—*	—*	—*	3	3
Radiation oncology	2	2	1	1	2
Radiological imaging	—*	—*	—*	—*	—*
Radiology	81	75	55	56	51
Reproductive endocrinology	—*	—*	—*	—*	—*
Rehabilitation medicine	4	7	7	5	6
Rheumatology	1	1	1	1	1
Surgery, general	216	213	207	209	223
Surgery, general vascular	—*	—*	2	8	8
Surgery, neurological	13	13	13	13	16
Surgery, thoracic and cardiovascular	9	9	9	9	7
Surgery, urological	32	35	33	35	33
Totals	1,688	1,767	1,799	1,885	2,021

*Not applicable.
Source: AOA Department of Education, 5 Aug 1987.

RESIDENTS IN AOA-APPROVED OSTEOPATHIC TRAINING PROGRAMS, 1983-1984 TO 1987-1988

Specialty areas	1983-84	1984-85	1985-86	1986-87	1987-88
Aerospace medicine	—*	—*	—*	—*	—*
Anesthesiology	64	86	88	74	68
Angiography/interventional radiology	1	0	0	0	0
Cardiology	12	12	12	9	9
Clinical allergy and immunology	0	0	0	0	0
Dermatology	1	1	1	1	2
Diagnostic radiology	21	18	33		19
Diagnostic ultrasound	—*	0	0	1	0
Emergency medicine	37	43	45	50	76
Endocrinology	0	0	0	0	0
Gastroenterology	9	9	10	8	7
General practice	106	148	195	200	243
Hematology	2	2	0	0	1
Hematology/oncology	—*	1	1	1	0
Infectious diseases	0	0	0	0	0
Internal medicine	228	261	257	270	255
Maternal and fetal medicine	—*	—*	—*	0	0
Medical diseases of the chest	12	12	12	7	10
Neonatal medicine	—*	—*	0	1	0
Nephrology	3	3	1	0	2
Neurology	5	6	6	9	6
Neurology, child	—*	—*	—*	—*	—*
Neuroradiology	—*	0	0	1	0
Nuclear medicine	0	0	0	0	0
Nuclear radiology	—*	0	1	1	1
Obstetrics and gynecological surgery	90	102	105	105	109
Occupational medicine	—*	—*	—*	—*	—*
Oncology	0	0	0	0	0
Ophthalmology	24	25	30	27	29
Orthopedic surgery	99	111	118	112	116
Osteopathic manipulative medicine	1	1	2	3	6
Otorhinolaryngology	17	16	6	5	4
Otorhinolaryngology and oro-facial plastic surgery	19	18	33	33	31
Pathology	16	15	8	10	6
Pediatrics	26	28	20	21	25
Proctology	5	2	2	4	3
Psychiatry	6	10	9	20	19
Psychiatry, child	0	1	1	0	0
Public health	—*	—*	—*	0	0
Radiation oncology	2	3	0	1	0
Radiological imaging	—*	—*	—*	0	0
Radiology	51	53	31	35	—48
Rehabilitation medicine	2	2	2	3	3
Reproductive endorcrinology	—*	—*	0	0	0
Rheumatology	0	0	0	0	1
Surgery, general	148	175	180	188	168
Surgery, general vascular	—*	—*	1	1	0
Surgery, neurological	9	9	9	5	9
Surgery, thoracic and cardiovascular	4	3	2	0	0
Surgery, urological	20	24	21	17	16
Totals	1,040	1,200	1,245	1,250	1,292

*Not applicable.
Source: AOA Department of Education, 5 Aug 1987.

RESIDENTS IN AOA-APPROVED NON-OSTEOPATHIC PROGRAMS, 1987-1988

Specialty areas	Non-osteopathic	Military	Preceptorship	Total
Aerospace medicine	2	2	0	4
Anesthesiology	3	7	0	10
Cardiology	11	0	0	11
Dermatology	4	3	18	25
Diagnostic radiology	0	6	0	6
Emergency medicine	7	3	0	10
Endocrinology	1	0	0	1
Gastroenterology	3	0	0	3
General practice	2	16	0	18
Hematology	1	0	0	1
Hematology and oncology	4	0	0	4
Infectious diseases	1	0	0	1
Internal medicine	0	4	0	4
Maternal and fetal medicine	1	0	0	1
Medical diseases of the chest	5	0	0	5
Neonatal medicine	2	0	0	2
Nephrology	5	0	0	5
Neurological surgery	2	0	0	2
Neurology	24	2	0	26
Neuroradiology	0	0	0	0
Nuclear medicine	0	0	0	0
Obstetrics and gynecological surgery	2	5	0	7
Occupational/environmental health	1	0	0	1
Oncology	2	0	0	2
Ophthalmology	3	2	1	6
Orthopedic surgery	0	3	0	3
Otolaryngology	0	1	0	1
Otorhinolaryngology	0	0	0	0
Otorhinolaryngology and oro-facial plastic surgery	0	0	0	0
Pathology	0	2	0	2
Pediatrics	0	2	0	2
Plastic and reconstructive surgery	1	0	0	1
Proctology	0	0	1	1
Psychiatry	21	3	0	24
Psychiatry, child	0	0	0	0
Public health	3	1	0	4
Radiation oncology	2	0	0	2
Radiation therapy	1	0	0	1
Radiology	0	2	0	2
Rehabilitation medicine	23	0	0	23
Rheumatology	4	0	0	4
Surgery, general	0	2	0	2
Surgery, thoracic and cardiovascular	3	0	0	3
Surgery, urological	0	1	0	1
Surgery, vascular (general)	1	0	0	1
Totals	145	67	20	232

Source: AOA Department of Education, 5 Aug 1987.

RESIDENTS IN AOA-RECOGNIZED NON-OSTEOPATHIC PROGRAMS, 1987-1988

Specialty areas	Non-osteopathic	Military	Preceptorship	Total
Cardivascular anesthesiology	1	0	0	1
Corneal diseases	1	0	0	1
Critical care medicine	1	0	0	1
Neuro-anesthesiology	1	0	0	1
Pediatric anesthesiology	1	0	0	1
Peripheral vascular diseases	1	0	0	1
Primary care pediatrics	1	0	0	1
Radiation therapy (research)	1	0	0	1
Totals	8	0	0	8

Source: AOA Department of Education, 5 Aug 1987.

WOMEN IN COLLEGES OF OSTEOPATHIC MEDICINE, 1956-1987

Academic Year	Women Graduates		Total Women Enrolled	
	No.	%	No.	%
1956-57	9	2.0	43	2.3
1957-58	11	2.5	36	1.9
1958-59	19	4.1	38	2.0
1959-60	9	2.1	38	2.0
1960-61	9	1.8	38	2.0
1961-62	6	1.3	43	2.2
1962-63	15	4.0	36	2.3
1963-64	4	1.1	28	1.8
1964-65	10	2.5	38	2.3
1965-66	5	1.4	39	2.3
1966-67	9	2.2	46	2.6
1967-68	13	3.0	48	2.6
1968-69	8	1.9	53	2.8
1969-70	12	2.8	59	3.0
1970-71	11	2.3	61	2.8
1971-72	18	3.7	79	3.4
1972-73	18	2.7	116	4.5
1973-74	17	2.9	181	6.5
1974-75	44	6.3	267	8.5
1975-76	58	7.2	362	10.6
1976-77	84	9.3	472	12.7
1977-78	68	6.8	548	14.0
1978-79	163	16.1	689	16.3
1979-80	192	18.1	837	18.2
1980-81	228	19.3	901	18.3
1981-82	182	16.1	1,108	20.9
1982-83	257	19.3	1,335	22.8
1983-84	293	21.0	1,496	24.2
1984-85	338	22.9	1,696	26.2
1985-86	390	25.0	1,805	27.4
1986-87	406	25.0	1,857	28.0

While women have always been enrolled in osteopathic colleges, they did not comprise 10% of the enrolled students until 1975.

As a result of current programs which seek to enroll qualified women and minorities in the colleges, the percentage of women enrolled at osteopathic schools is expected to reach 24.4% by 1989.

Source: Figures before 1981, Report of the Task Force on Graduate Osteopathic Medical Education (Kellogg Report) [THE DO, April 1981 supplement]; figures for 1981-86, AOA YEARBOOK survey of osteopathic colleges.

ENROLLMENT IN COLLEGES OF OSTEOPATHIC MEDICINE, 1968-1990

Institution	1968-9	1969-70	1970-1	1971-2	1972-3	1973-4	1974-5	1975-6	1976-7	1977-8	1978-9
Chicago	296	301	305	311	331	354	376	380	381	383	382
Des Moines	338	348	384	394	446	421	494	521	525	530	525
Kansas City	433	446	449	463	487	505	542	577	607	592	616
Kirksville	405	421	428	433	445	461	474	493	480	496	500
Michigan	—	20	42	79	149	181	236	265	283	311	334
New England	—	—	—	—	—	—	—	—	—	—	36
New Jersey	—	—	—	—	—	—	—	—	—	24	52
New York	—	—	—	—	—	—	—	—	—	36	89
Ohio	—	—	—	—	—	—	—	—	24	60	105
Oklahoma	—	—	—	—	—	—	36	91	160	225	225
Pacific	—	—	—	—	—	—	—	—	—	—	36
Philadelphia	407	461	522	572	626	710	755	798	817	810	818
Southeastern	—	—	—	—	—	—	—	—	—	—	—
Texas	—	—	21	52	95	148	190	208	273	271	299
West Virginia	—	—	—	—	—	—	36	77	164	178	203
Totals	1,879	1,997	2,151	2,304	2,579	2,780	3,139	3,410	3,714	3,916	4,220

* Data not available.
Source: AOA Department of Education. Figures beyond 1987-88 are projections.

ABBREVIATIONS

Abbreviations used for colleges of osteopathic medicine in the tables in this section are:

Chicago—Chicago College of Osteopathic Medicine, Chicago, IL
Des Moines—University of Osteopathic Medicine and Health Sciences, College of Osteopathic Medicine and Surgery, Des Moines, IA
Kansas City—University of Health Sciences, College of Osteopathic Medicine, Kansas City, MO
Kirksville—Kirksville College of Osteopathic Medicine, Kirksville, MO
Michigan—Michigan State University, College of Osteopathic Medicine, East Lansing, MI
New England—University of New England College of Osteopathic Medicine, Biddeford, ME
New Jersey—University of Medicine and Dentistry of New Jersey, School of Osteopathic Medicine, Camden, NJ
New York—New York College of Osteopathic Medicine of the New York Institute of Technology, Old Westbury, NY
Ohio—Ohio University College of Osteopathic Medicine, Athens, OH
Oklahoma—Oklahoma College of Osteopathic Medicine and Surgery, Tulsa, OK
Pacific—College of Osteopathic Medicine of the Pacific, Pomona, CA
Philadelphia—Philadelphia College of Osteopathic Medicine, Philadelphia, PA
Southeastern—Southeastern College of Osteopathic Medicine, North Miami Beach, FL
Texas—Texas College of Osteopathic Medicine, Fort Worth, TX
West Virginia—West Virginia School of Osteopathic Medicine, Lewisburg, WV

1979-80	1980-1	1981-2	1982-3	1983-4	1984-5	1985-6	1986-7	1987-8	1988-9	1989-90
386	386	391	395	400	395	398	397	410	400	400
535	544	549	720	714	714	721	717	712	724	724
616	612	621	622	617	620	582	554	553	—*	—*
508	515	513	526	521	531	531	524	527	523	523
342	368	370	407	439	479	495	466	508	500	500
90	162	229	261	280	274	283	282	290	280	280
84	117	139	166	188	209	216	208	226	224	—*
156	231	297	357	421	460	493	516	523	510	510
153	198	245	262	337	347	387	379	372	385	385
231	249	261	260	246	325	326	301	287	340	340
92	161	236	288	332	360	383	406	413	407	407
826	820	822	833	834	832	836	817	820	830	830
—	—	40	100	179	272	327	341	326	403	400
303	330	346	363	387	404	363	373	400	407	—*
222	231	233	227	234	234	238	200	233	240	240
4,544	4,924	5,292	5,787	6,129	6,456	6,579	6,481	6,600	—*	—*

ACTUAL ENROLLMENT IN COLLEGES OF OSTEOPATHIC MEDICINE BY CLASS, 1986-87

College	1st Year	2nd Year	3rd Year	4th Year	Class Total	Actual 1987 Graduates
Chicago	104	104	92	97	397	97
Des Moines	179	177	179	182	717	181
Kansas City	129	129	156	140	554	139
Kirksville	135	137	121	131	524	131
Michigan	126	120	110	110	466	108
New England	69	71	70	72	282	69
New Jersey	56	53	46	53	208	53
New York	132	135	126	123	516	123
Ohio	98	94	97	90	379	93
Oklahoma	73	75	76	77	301	76
Pacific	100	102	105	99	406	100
Philadelphia	209	200	207	201	817	199
Southeastern	101	98	71	71	341	67
Texas	99	113	75	86	373	82
West Virginia	55	48	36	61	200	61
Totals	1,665	1,656	1,567	1,593	6,481	1,579

Source: AOA Department of Education.

EXPECTED ENROLLMENT OF WOMEN IN COLLEGES OF OSTEOPATHIC MEDICINE, 1987-88

College	Total student enrollment	Total women enrolled	Percentage of women enrolled	Women in year 1	Women in year 2	Women in year 3	Women in year 4	Total graduates	Women graduates	Percentage of women graduates
Chicago	410	N/A	N/A	N/A	N/A	N/A	N/A	106	N/A	N/A
Des Moines	712	34	18.7	N/A	N/A	N/A	N/A	182	N/A	N/A
Kansas City	553	125	22.6	30	31	33	31	138	30	21.7
Kirksville	527	112	22.0	30	29	28	25	121	22	18.0
Michigan	508	N/A	N/A	N/A	N/A	N/A	N/A	111	N/A	N/A
New England	290	N/A	N/A	N/A	N/A	N/A	N/A	46	N/A	N/A
New Jersey	226	86	38.0	29	15	24	18	48	18	38.0
New York	523	185	33.0	51	40	52	42	126	35	28.0
Ohio	372	99	38.0	19	26	29	25	93	25	23.0
Oklahoma	287	84	29.3	17	17	28	22	76	22	28.9
Pacific	413	124	30.0	28	38	31	27	102	27	26.4
Philadelphia	820	256	31.0	N/A	N/A	N/A	N/A	207	N/A	N/A
Southeastern	326	74	2.2	21	21	18	14	61	14	2.2
Texas	400	N/A	N/A	N/A	N/A	N/A	N/A	72	N/A	N/A
West Virginia	233	64	28.0	23	9	18	14	61	14	28.0
Totals	6,600	1,243	19.0	248	226	261	218	1,550	207	13.0

Source: AOA YEARBOOK survey of osteopathic colleges, July 1987.

EXPECTED ENROLLMENT OF ETHNIC MINORITIES IN COLLEGES OF OSTEOPATHIC MEDICINE, 1987-88

College	Total student enrollment	Total ethnic minority enrollment	Percentage of ethnic minority enrollment	Ethnic minorities in year 1	Ethnic minorities in year 2	Ethnic minorities in year 3	Ethnic minorities in year 4	Total graduates	Ethnic minority graduates	Percentage of ethnic minority graduates
Chicago	410	N/A	N/A	N/A	N/A	N/A	N/A	106	N/A	N/A
Des Moines	712	45	6.2	13	15	12	5	182	5	3.0
Kansas City	553	30	7.0	10	9	7	4	138	5	3.6
Kirksville	527	33	6.0	17	4	9	3	121	3	2.4
Michigan	508	N/A	N/A	N/A	N/A	N/A	N/A	111	N/A	N/A
New England	290	N/A	N/A	N/A	N/A	N/A	N/A	46	N/A	N/A
New Jersey	226	26	12.0	10	6	2	8	48	8	17.0
New York	523	64	12.0	24	14	15	11	126	11	.09
Ohio	372	40	14.8	9	13	11	7	93	7	6.5
Oklahoma	287	44	15.3	14	11	8	11	76	11	14.5
Pacific	413	71	17.1	20	21	14	16	102	16	15.6
Philadelphia	820	N/A	N/A	N/A	N/A	N/A	N/A	207	N/A	N/A
Southeastern	326	34	1.04	16	9	7	2	61	2	3.0
Texas	400	N/A	N/A	N/A	N/A	N/A	N/A	72	N/A	N/A
West Virginia	233	20	9.0	3	7	4	6	61	6	10.0
Totals	6,600	407	6.0	136	109	89	73	1,550	74	5.0

Source: AOA YEARBOOK survey of osteopathic colleges, July 1987.

OSTEOPATHIC HOSPITALS BY STATE

State	Number of osteopathic hospitals	Number of AOA-accredited hospitals	Number of hospitals with AOA-approved postdoctoral training programs	Total number of beds *	Total number of medical/ surgical beds	Total number of special care beds	Total number of bassinets	Number of hospitals with 0-24 beds *†	Number of hospitals with 25-99 beds *	Number of hospitals with 100-199 beds *	Number of hospitals with 200-299 beds *	Number of hospitals with 300 or more beds *
Arizona	6	6	3	859	856	3	36	0	3	1	1	1
California	8	5	3	922	749	173	60	1	3	3	1	0
Colorado	3	3	2	334	269	65	24	0	1	2	0	0
Delaware	1	1	1	97	97	0	0	0	1	0	0	0
Florida	13	13	11	2,352	2,286	66	40	0	0	8	4	1
Georgia	1	1	1	146	146	0	0	0	0	1	0	0
Illinois	3	3	1	633	633	0	32	0	0	1	2	0
Indiana	3	3	2	261	256	5	19	0	1	2	0	0
Iowa	3	2	1	483	425	58	22	0	1	1	1	0
Kansas	2	1	1	160	160	0	11	0	1	1	0	0
Maine	3	3	2	293	255	38	22	0	2	1	0	0
Massachusetts	1	1	1	80	80	0	0	0	1	0	0	0
Michigan	33	28	17	5,372	4,906	466	320	1	13	6	7	6
Missouri	22	13	10	2,824	2,632	192	225	1	8	10	2	1
New Jersey	6	6	6	1,014	1,002	12	42	0	1	2	3	0
New Mexico	1	1	1	120	120	0	12	0	0	1	0	0
New York	5	5	3	1,226	1,226	0	59	0	0	1	3	1
Ohio	19	17	12	3,255	3,078	177	223	0	6	4	7	2
Oklahoma	5	3	3	874	838	36	53	0	2	2	0	1
Oregon	2	1	1	123	123	0	12	1	0	1	0	0
Pennsylvania	16	16	14	2,413	2,309	104	169	0	2	10	4	0
Rhode Island	1	1	1	80	80	0	0	0	1	0	0	0
South Dakota	1	0	0	121	37	84	9	0	0	1	0	0
Tennessee	3	0	0	71	27	44	5	1	2	0	0	0
Texas	24	12	6	2,468	2,359	109	161	1	12	8	2	1
Washington	4	4	1	201	201	0	18	0	4	0	0	0
West Virginia	2	1	0	63	63	0	0	1	1	0	0	0
Wisconsin	3	3	3	413	413	0	17	0	0	3	0	0
Totals	194	153	107	27,258	25,626	1,632	1,591	7	66	70	37	14

* Does not include bassinets.
† AOA accreditation requires a minimum of 25 adult and pediatric beds.
Source: AOA YEARBOOK survey of osteopathic hospitals, June 1987.